Figure 1

| Concepts | Objects | Accountable Objects | Linkages |

| Real Time Data | → | **SIPRA®**
the brain in the network | ← | Real Time Action |

Real Time

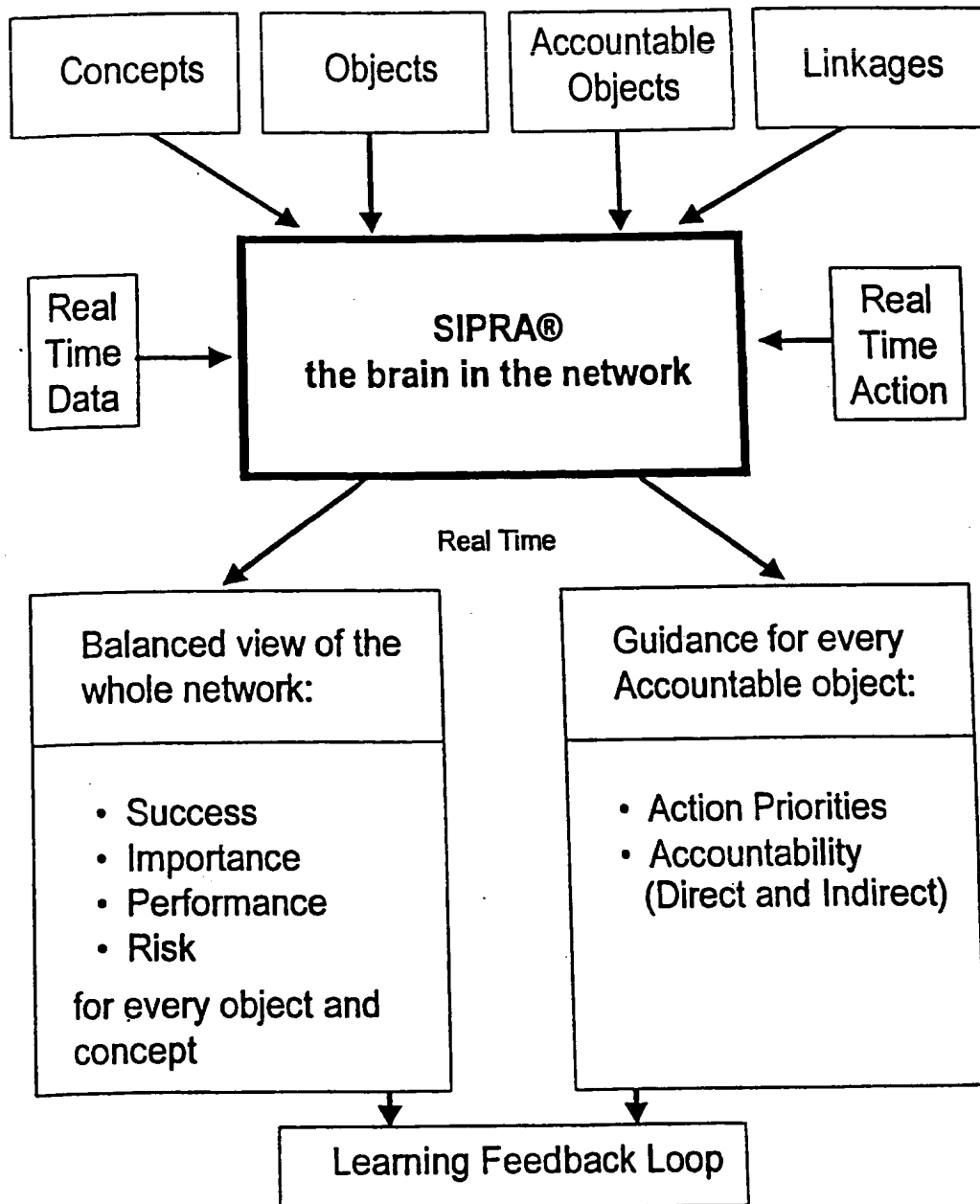| **Balanced view of the whole network:**	**Guidance for every Accountable object:**
• Success • Importance • Performance • Risk for every object and concept	• Action Priorities • Accountability (Direct and Indirect)

Learning Feedback Loop

Figure 2

Figure 3

Figure 4a

Figure 4b

Origin　　　　　　　　　　　　　　$.3$　　（o）　　　　　　$i_o = 1$

　　　　　　　　　　　　　　　　$.5$　　$.2$

Concept A　　　（a_1）　　　　　　　　（a_2）　　　　　　　　（a_3）

$l\,(o,a_1) = .3$　　　　　　　$l\,(o,a_2) = .5$　　　　　　$l\,(o,a_3) = .2$
$i_{a1} = .3$　　　　　　　　　$i_{a2} = .5$　　　　　　　　$i_{a3} = .2$

$$\sum_j i_{aj} = 1$$

Figure 5

Figure 6

Origin　　　　　　　　　　$.3$　　（o）

　　　　　　　　　　　　　　　　$.5$　　$.2$

Concept A　　　（a_1）　　　　　　　（a_2）　　　　　　　（a_3）

**Degree of
Existence**　　　　1　　　　　　　　　　0　　　　　　　　　.5

$l\,(o,a_1) = .3$　　　　　　$l\,(o,a_2) = .5$　　　　　$l\,(o,a_3) = .2$
$e_{a1} = 1$　　　　　　　　$e_{a2} = 0$　　　　　　　$e_{a3} = 0.5$

$e_{a1}\,l(o,a_1) = .3$　　　$e_{a2}\,l(o,a_2) = 0$　　　$e_{a3}\,l(o,a_3) = .1$

$i_{a1} = .75$　　　　　　　$i_{a2} = 0$　　　　　　　$i_{a3} = .25$

$E = \dfrac{1}{.4} = 2.5$

Origin

Concept A

Concept B

$i_{a1} = .3$
$e_{a1} = 1$

$i_{a2} = .5$
$e_{a2} = 0$

$i_{a3} = .2$
$e_{a3} = .5$

$e_{a1}\, i_{a1} = .3$

$e_{a2}\, i_{a2} = 0$

$e_{a3}\, i_{a3} = .1$
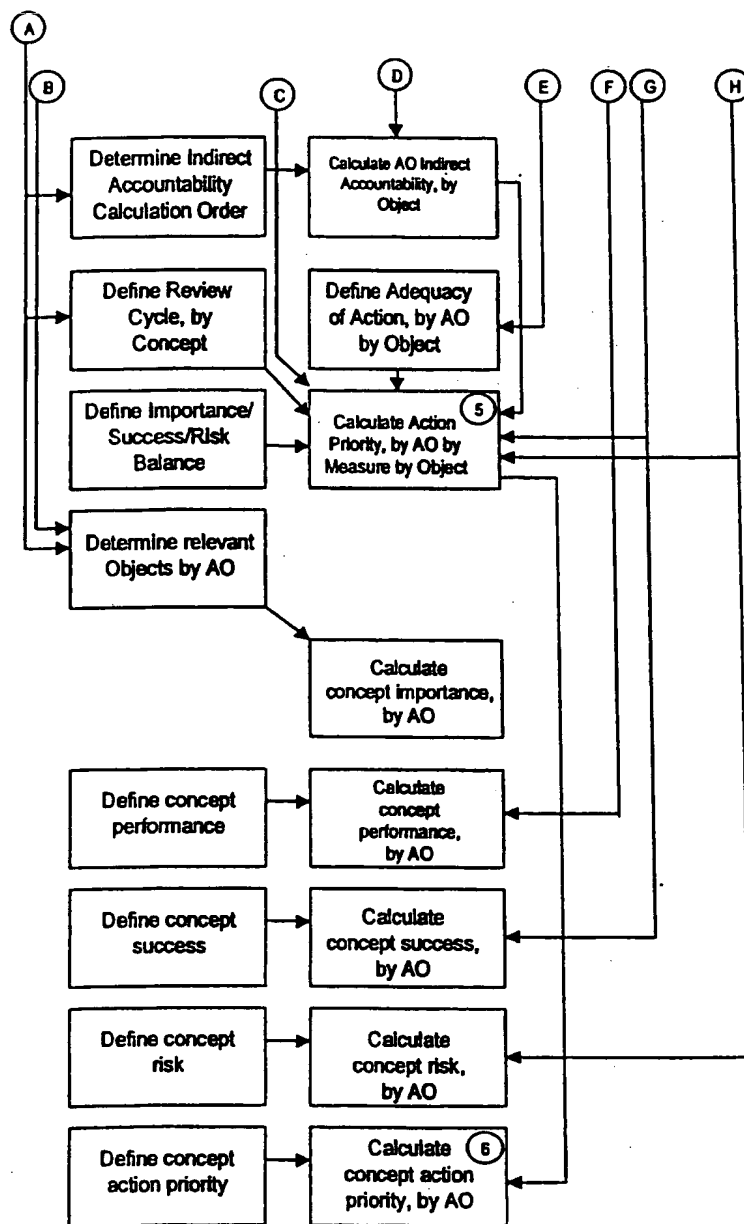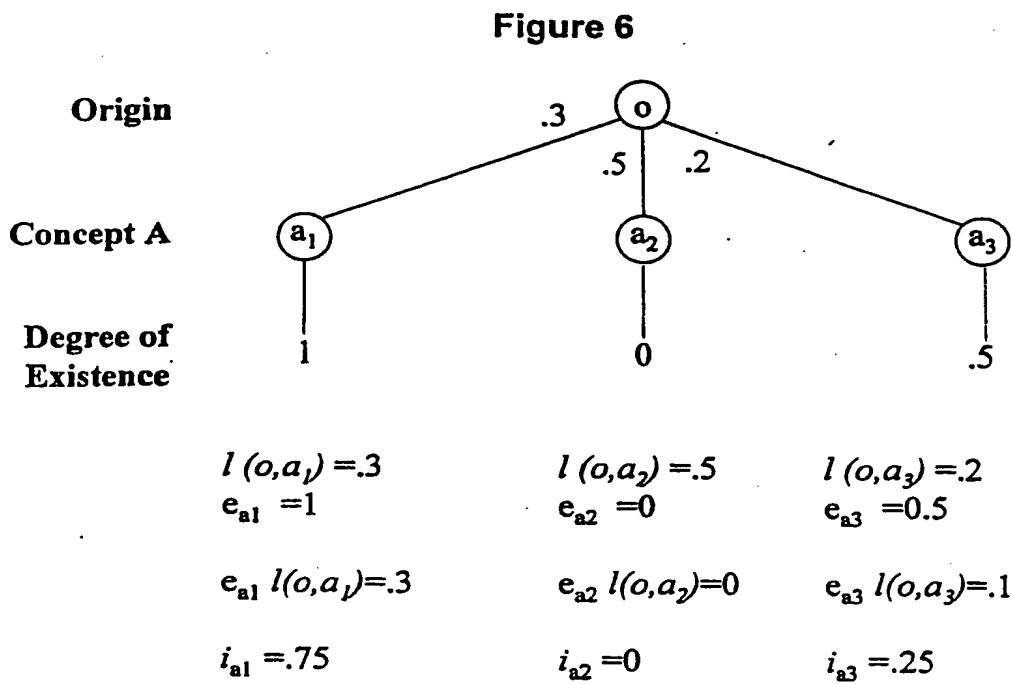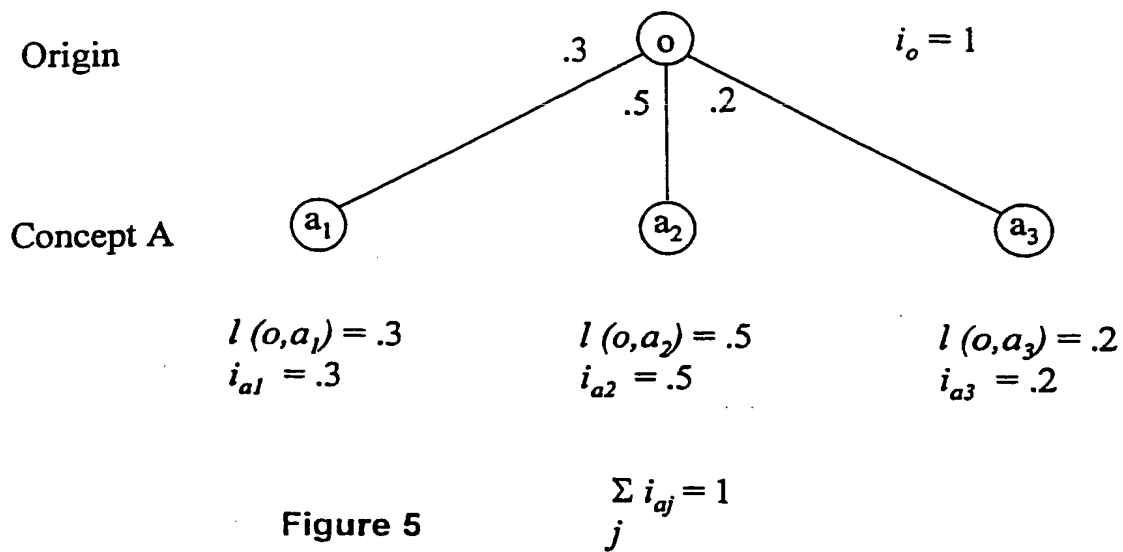
$$E = 2.5$$
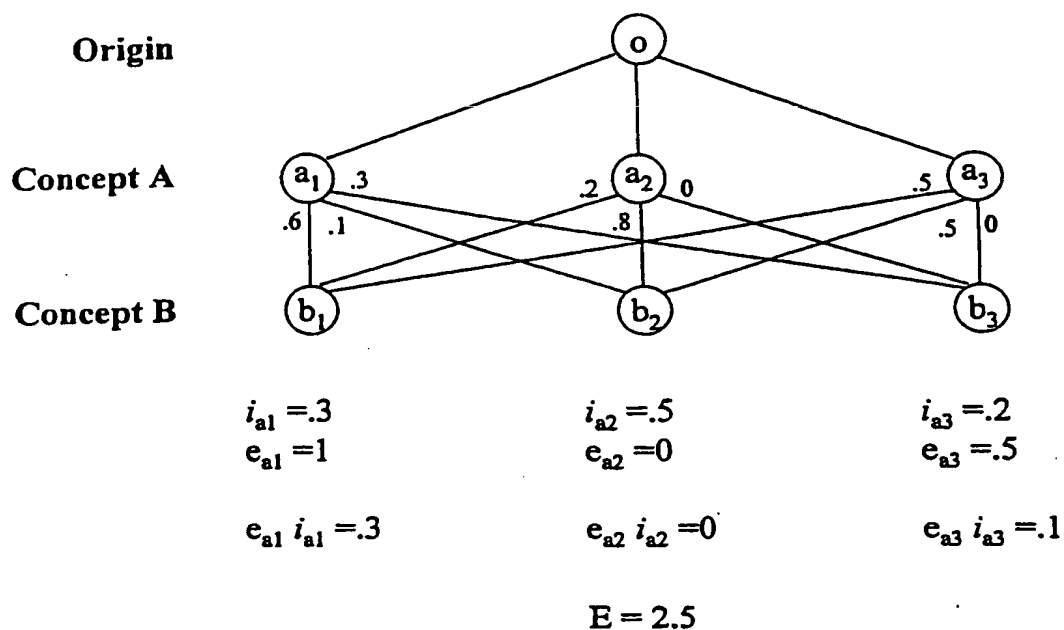
Importance Contributions

	a_1	a_2	a_3	Total
b_1	.45	0	.125	.575
b_2	.075	0	.125	.2
b_3	.225	0	0	.225
Total	.75	0	.25.	1.000

$i_{b1} = .575$ $i_{b2} = .2$ $i_{b3} = .225$

Figure 7

Figure 8

ANY
OBJECT

MEMBERSHIP

CONNECTION

INFORMATION

DOCUMENT

COMMENT

ACTION

Figure 9

Figure 10

Sample Concept Network

Figure 11

Importance Flow

Figure 12

Performance Flow

Figure 13

Accountability Flow
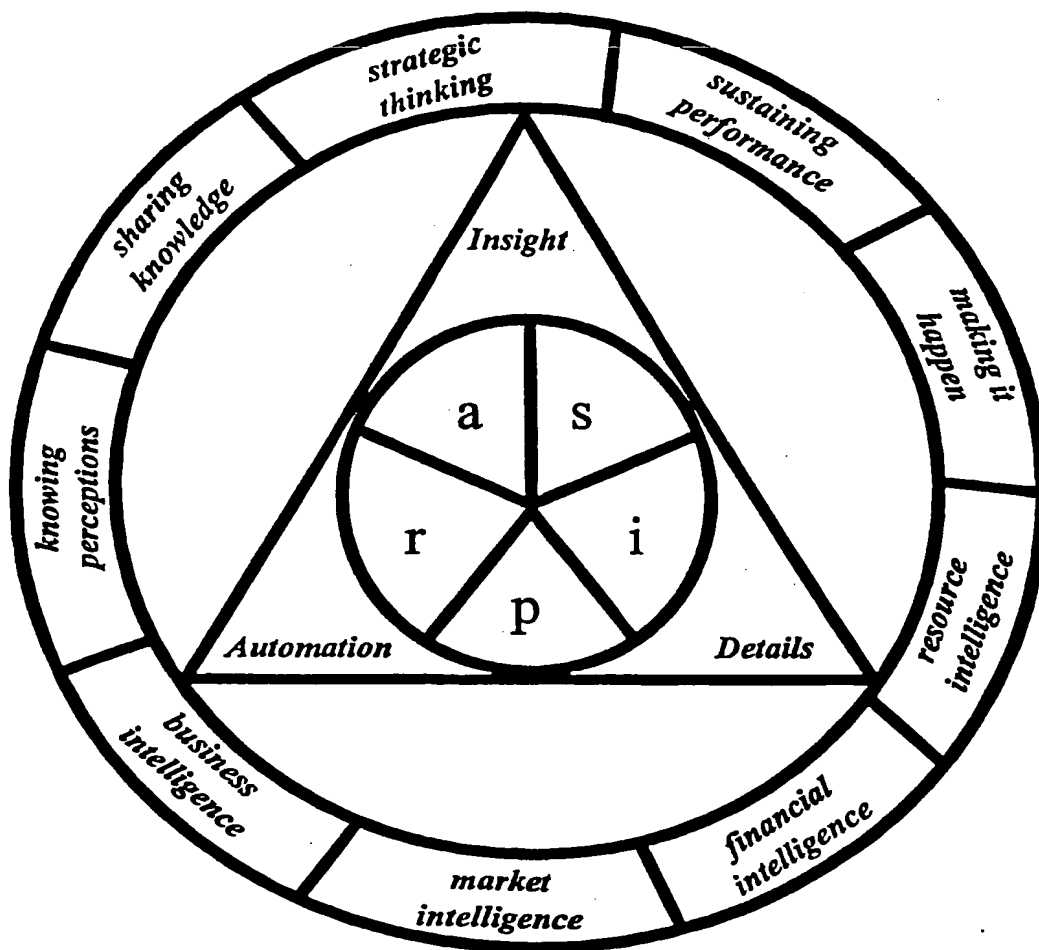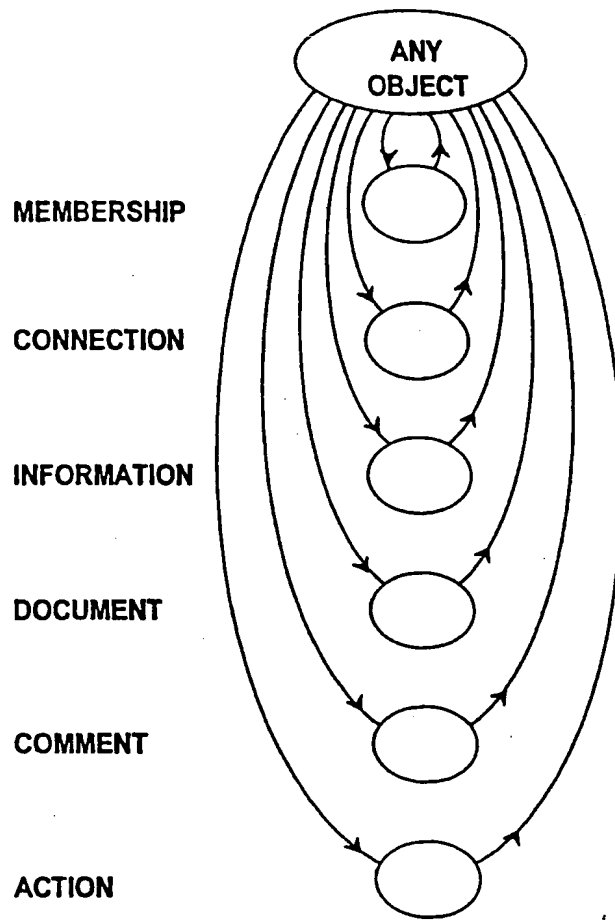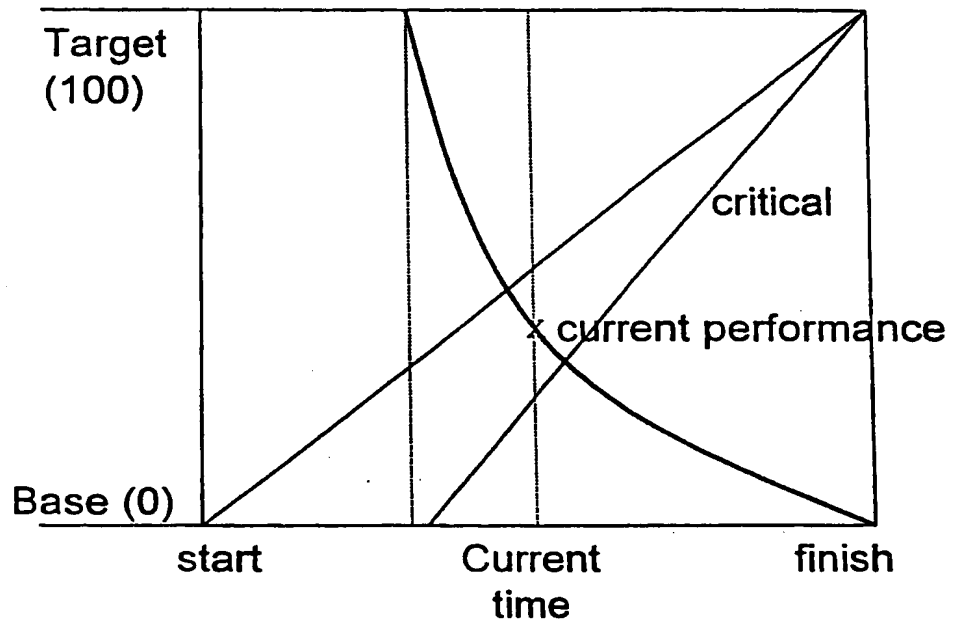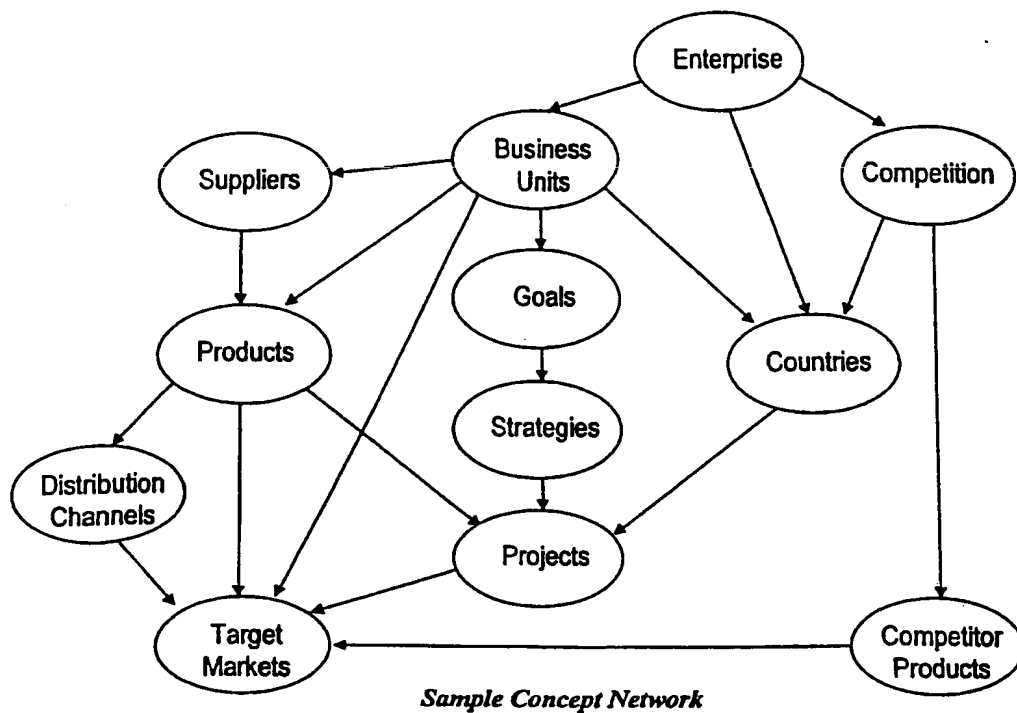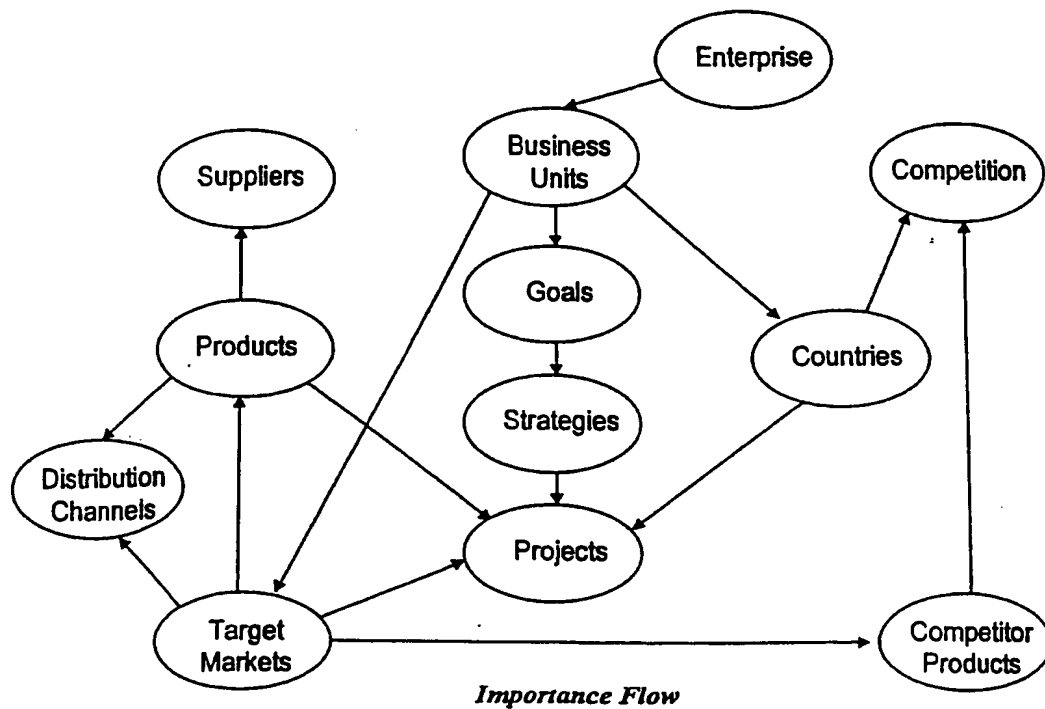
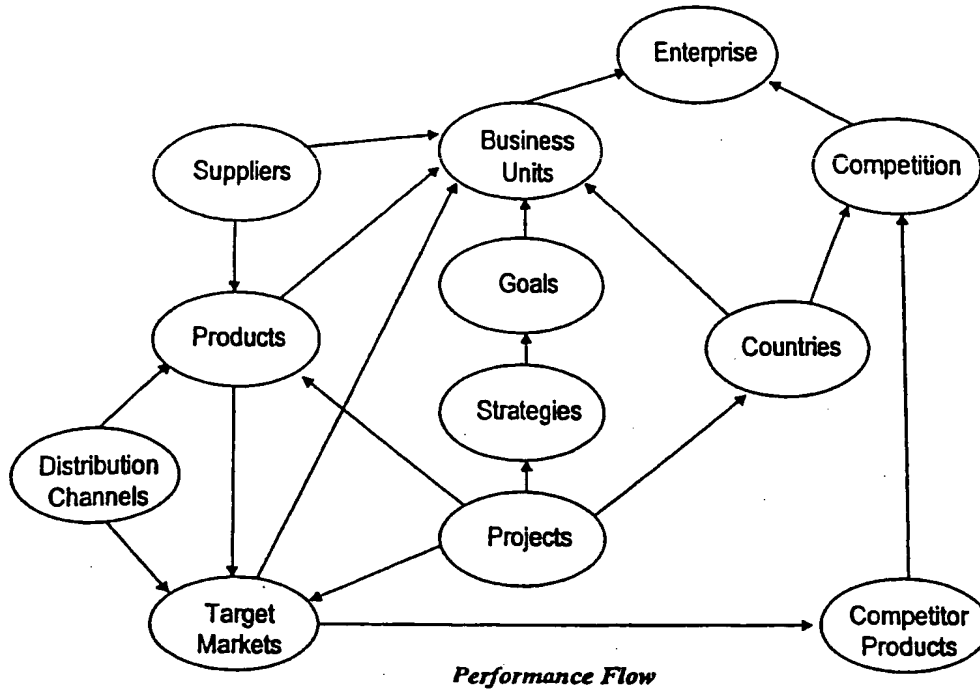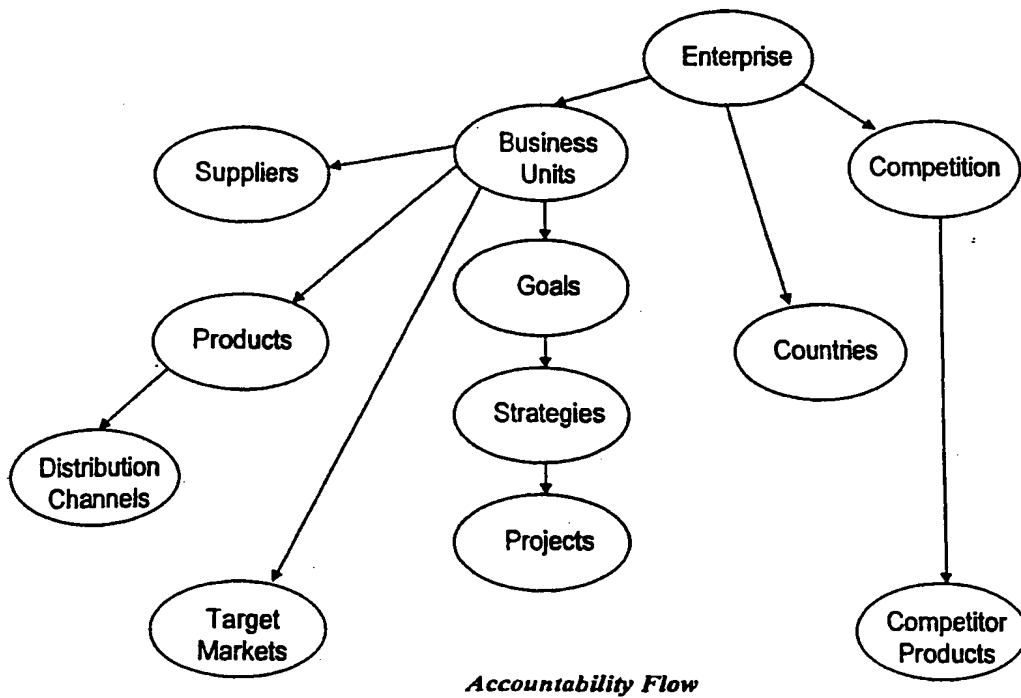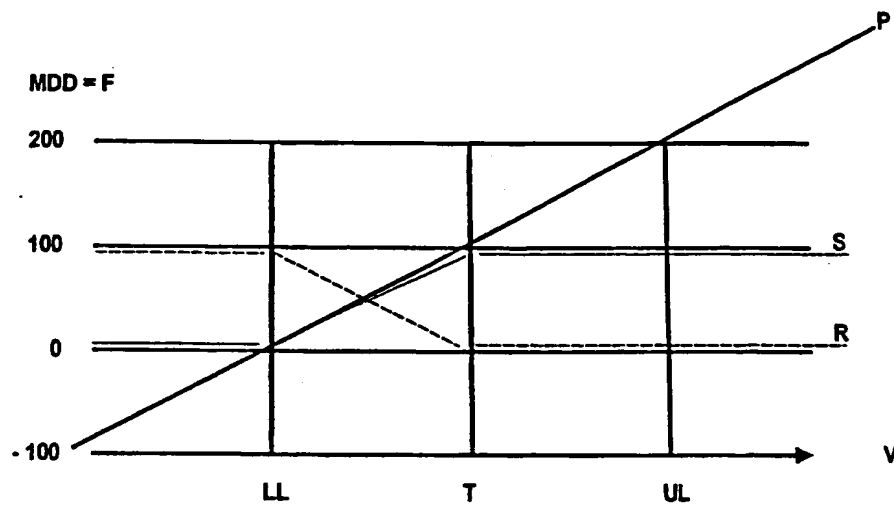**Figure 14**

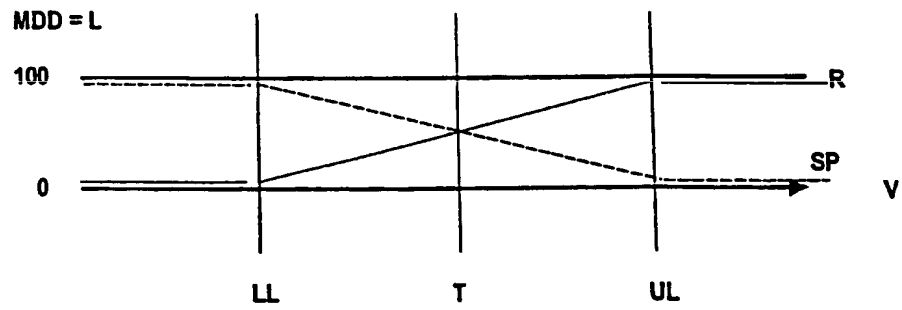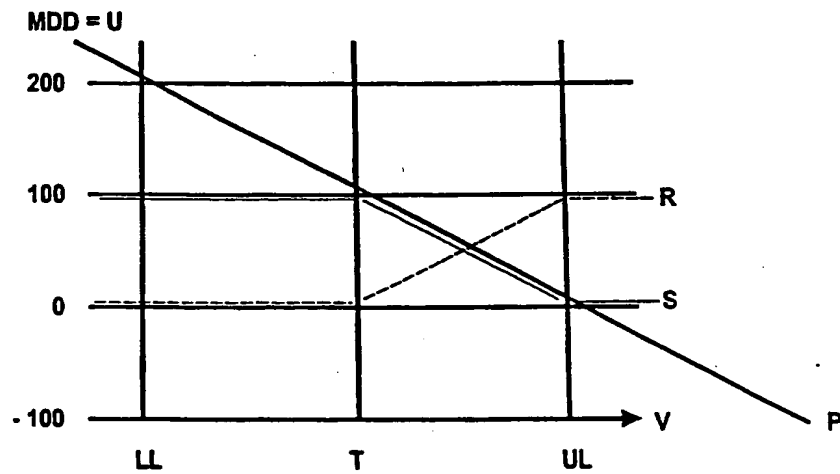SIPRA Performance Engin
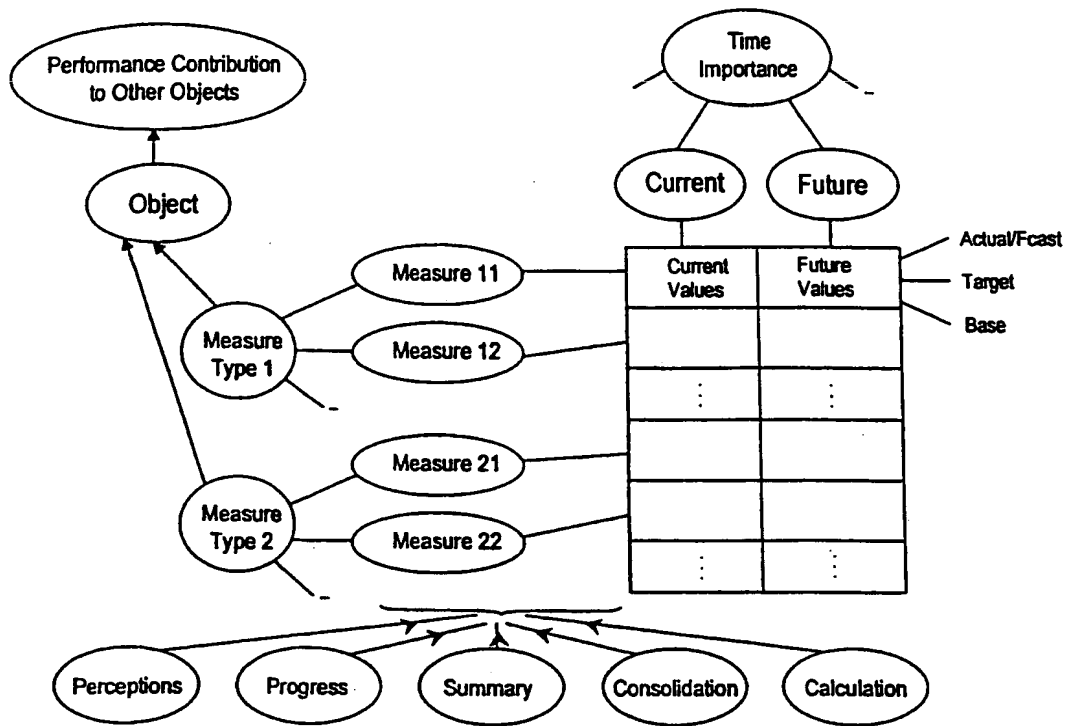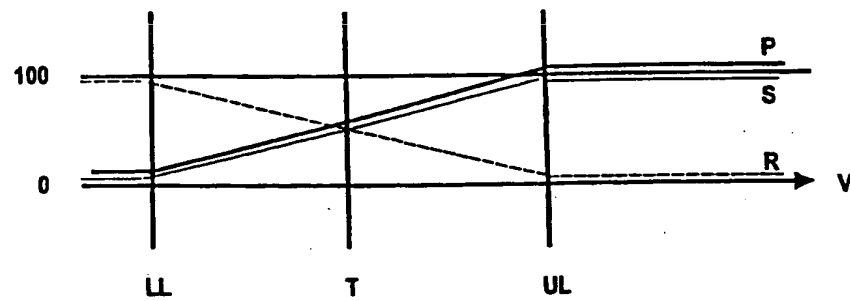

Figure 15

Figure 16

MDD = L

Figure 17

MDD = U

Figure 18

MDD = G

Figure 19

MDD = T

Figure 20